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|------------------------|-----------------------|
| Application Number     | 10/758,370            |
| Filing Date            | 01/15/04              |
| First Named Inventor   | David M. Barger       |
| Art Unit               | Unknown               |
| Examiner Name          | Unknown               |
| Attorney Docket Number | MS306435.1/MSFTP504US |

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/Giovanna Colan/

**Date**  
**Considered**

09/17/2006

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Sheet

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| GC                 |                       | TUNG-SHOU CHEN, et al., A New Search Engine for Chinese Document Image Retrieval Based on Chinese Character Segmentation Features, International Journal of Computer Processing of Oriental Languages, 2002, pp. 417-431, Vol. 14-No. 4.                        |                |
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| GC                 |                       | JONATHAN J. HULL, et al., Document Image Similarity and Equivalence Detection, ICDAR'97, 1997, pp.308-312, Vol. 1, Ulm, Germany.  |                |
| GC                 |                       | JOHN F. CULLEN, et al., Document Image Database Retrieval and Browsing using Texture Analysis, ICDAR'97, 1997, pp. 718-721, Ulm, Germany.   |                |
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| GC                 |                       | SERGEY BRIN, et al., Copy Detection Mechanisms for Digital Documents, Proceedings of the ACM SIGMOD Annual Conference, 1995, pp. 1-21.  |                |
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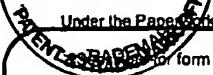
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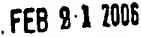
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| Application Number     | 10/758,370              |
| Filing Date            | January 15, 2004        |
| First Named Inventor   | David M. Bargeron       |
| Art Unit               | 2171                    |
| Examiner Name          |                         |
| Attorney Docket Number | MS306435 01/MSETP504UIS |

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| Application Number | 10/758,370 |
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|                    |                  |
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|                      |                 |
|----------------------|-----------------|
| First Named Inventor | David M. Barger |
|----------------------|-----------------|

|          |      |
|----------|------|
| Art Unit | 2171 |
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**Examiner Name**

|                        |                        |
|------------------------|------------------------|
| Attorney Docket Number | MS306435.01/MSFTP504US |
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**Examiner  
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/Giovanna Colan/

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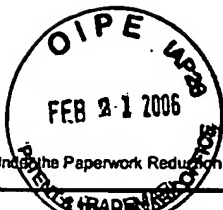
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Sheet 3 of 3

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| GC                 |                       | European Search Report dated February 1, 2006 for European Patent Application No. EP05000750. 7 pages.   |                |
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/Giovanna Colan/

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|  |   |    |   | Application Number       | 10/758,370             |
|  |   |    |   | Filing Date              | January 15, 2004       |
|  |   |    |   | First Named Inventor     | David M. Bargeron      |
|  |   |    |   | Art Unit                 | 2171                   |
|  |   |    |   | Examiner Name            |                        |
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|   | Filing Date            |                        | 2004-01-15 |
|   | First Named Inventor   | David M. Bargeron      |            |
|   | Art Unit               | 2171                   |            |
|   | Examiner Name          | unknown                |            |
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| GC                                  | 2       | 20040205545        |                        | 2004-10-14       | David M. Bargeron, et al.                       |  |        |
| GC                                  | 3       | 20040252888        |                        | 2004-12-16       | David M. Bargeron, et al.                       |  |        |

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| GC | 4 | 20060050969 |  | 2006-03-09 | Michael Shilman, et al. |  |
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| GC | 18 | J. STYLOS, et al., Citrine:providing intelligent copy-and-paste, 2005, In Proceedings of ACM Symposium on User Interface Software and Technology (UIST 2004), pages 185-188.   | <input type="checkbox"/> |
| GC | 19 | B. TASKAR, et al., Max-margin parsing, 2004, 8 pages, In Empirical Methods in Natural Language Processing (EMNLP04).   | <input type="checkbox"/> |
| GC | 20 | S. MAO, et al., Document structure analysis algorithms: A literature survey, January 2003, Vol. 5010, pp. 197-207, In Proc. SPIE Electronic Imaging.   | <input type="checkbox"/> |
| GC | 21 | M. KRISHNAMOORTHY, et al., Syntactic segmentation and labeling of digitized pages from technical journals, 1993, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 15, pp. 737-747.   | <input type="checkbox"/> |
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| GC | 23 | D. NIYOGI, et al., Knowledge-based derivation of document logical structure, 1995, page 472-475, In Third International Conference on Document Analysis and Recognition, Montreal, Canada.   | <input type="checkbox"/> |
| GC | 24 | A. CONWAY, Page Grammars and Page Parsing: A Syntactic Approach to Document Layout Recognition, 1993, In Proceedings of the 2nd International Conference on Document Analysis and Recognition, Tsukuba Science City, Japan, pages 761-764.   | <input type="checkbox"/> |
| GC | 25 | E.G. MILLER, et al., Ambiguity and constraint in mathematical expression recognition, 1998, 8 pages, In Proceedings of the National Conference of Artificial Intelligence. American Association of Artificial Intelligence.  | <input type="checkbox"/> |
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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|                        |                        |
|------------------------|------------------------|
| Application Number     | 10758370               |
| Filing Date            | 2004-01-15             |
| First Named Inventor   | David M. Barger        |
| Art Unit               | 2171                   |
| Examiner Name          | unknown                |
| Attorney Docket Number | MS306435.01/MSFTP504US |

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| GC | 27 | T. KANUNGO, et al., Stochastic language model for style-directed physical layout analysis of documents, 2003, pages 583-596, In IEEE Transactions on Image Processing, Vol. 5, No. 5.   | <input type="checkbox"/> |
| GC | 28 | D. BLOSTEIN, et al., Applying compiler techniques to diagram recognition, In Proceedings of the 16th International Conference on Pattern Recognition, 2002, Vol. 3, pages 123-136.  | <input type="checkbox"/> |
| GC | 29 | J. F. HULL, Recognition of mathematics using a two dimensional trainable context-free grammar, Master's thesis, MIT, June 1996, 101 pages.  | <input type="checkbox"/> |
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| GC | 32 | E. CHARNIAK, et al., Edge-Based Best-First Chart Parsing, 1998, In Proceedings of the 14th National Conference on Artificial Intelligence, pages 127-133.   | <input type="checkbox"/> |
| GC | 33 | D. KLEIN, et al., A* parsing: Fast Exact Viterbi Parse Selection, Stanford University, 2001, 8 pages, Tech. Rep. dbpubs/2002-16.  | <input type="checkbox"/> |
| GC | 34 | Y. FREUND, et al., A Decision-Theoretic Generalization of On-line Learning and an Application to Boosting, 1995, In Computational Learning Theory: Eurocolt '95, Springer-Verlag, pages 23-37.  | <input type="checkbox"/> |
| GC | 35 | I. PHILIPS, et al., Cd-rom Document Database Standard, In Proceedings of the 2nd International Conference on Document Analysis and Recognition (ICDAR), 1993, pages 478-483.  | <input type="checkbox"/> |
| GC | 36 | P. VIOLA, et al., Rapid Object Detection Using a Boosted Cascade of Simple Features, 2001, page 1-9, In Proceedings of the IEEE Conference on Computer Vision and Pattern   | <input type="checkbox"/> |
| GC | 37 | T. BREUEL, High Performance Document Layout Analysis, 10 pages, In 2003 Symposium on Document Image Understanding Technology, Greenbelt Maryland.   | <input type="checkbox"/> |

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| GC | 38 | R. ZANIBBI, et al., A Survey of Table Recognition: Models, Observations, Transformations, and Inferences, International Journal of Document Analysis and Recognition, 2004, Vol. 7, No. 1. pages 1-16. | <input type="checkbox"/> |
| GC | 39 | K. F. CHAN, et al., Mathematical Expression Recognition: A Survey, 2000, International Journal on Document Analysis and Recognition, Vol. 3, pages 3-15.   | <input type="checkbox"/> |
| GC | 40 | E. CHARNIAK, Statistical Techniques for Natural Language Parsing, AI Magazine, 1997, Vol. 18, No. 4, pages 33-44.  | <input type="checkbox"/> |
| GC | 41 | M. KAY, Chart Generation, In Proceedings of the 34th Annual Meeting of the Association for Computational Linguistics (ACL '96), Santa Cruz, California, 1996, pages 200-204.                           | <input type="checkbox"/> |
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| GC | 43 | C.D. MANNING, et al., Foundations of Statistical Natural Language Processing. The MIT Press, 1999, page 1-3.   | <input type="checkbox"/> |
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| GC | 45 | P. CHOU, Recognition Of Equations Using a 2-D Stochastic Context-Free Grammar, In SPIE Conference on Visual Communications and Image Processing, Philadelphia, PA, 1989, pages 852-863.                | <input type="checkbox"/> |
| GC | 46 | M. KAY, Algorithm Schemata And Data Structures In Syntactic Processing, 1986, pages 35-70.   | <input type="checkbox"/> |
| GC | 47 | MICHAEL SHILMAN, et al., Spatial Recognition and Grouping of Text and Graphics, Eurographics Workshop on Sketch-Based Interfaces and Modeling, 2004, 5 pages, Hughes/Jorge, Eds.                       | <input type="checkbox"/> |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>( Not for submission under 37 CFR 1.99) | Application Number     |                        | t0758370   |
|   | Filing Date            |                        | 2004-01-15 |
|   | First Named Inventor   | David M. Bargerone     |            |
|   | Art Unit               | 2171                   |            |
|   | Examiner Name          | unknown                |            |
|   | Attorney Docket Number | MS306435.01/MSFTP504US |            |

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| GC | 49 | MICHAEL SHILMAN, et al., Recognizing Freeform Digital Ink Annotations, IAPR International Workshop on Document Analysis Systems, September 8-10, 2004, 12 pages, Florence, Italy. | <input type="checkbox"/> |
| GC | 50 | MICHAEL COLLINS, et al., "Logistic Regression, AdaBoost, and Bregman Distances", Machine Learning, 48(1/2/3) 2002   | <input type="checkbox"/> |

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| Attorney Docket Number | MS306435.01/MSFTP504US |

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

|            |                    |                     |            |
|------------|--------------------|---------------------|------------|
| Signature  | /Himanshu S. Amin/ | Date (YYYY-MM-DD)   | 2006-08-22 |
| Name/Print | Himanshu S. Amin   | Registration Number | 40894      |

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